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(71) Applicant (for all designated States except US): **SHOWA DENKO K.K.** [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **OMORI, Kazuhiro** [JP/JP]; c/o Corporate R & D Center, Showa Denko K.K., 5-1, Okawacho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0858 (JP). **AMITA, Hitoshi** [JP/JP]; c/o Corporate R & D Center, Showa Denko K.K., 5-1, Okawacho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0858 (JP).

(74) Agent: **OHIE, Kunihisa**; Ohie Patent Office, Selva-Ningyocho 6F, 14-6, Nihonbashi-Ningyocho 2-chome, Chuo-ku, Tokyo 103-0013 (JP).

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(54) Title: NIOBIUM POWDER FOR CAPACITOR, NIOBIUM SINTERED BODY AND CAPACITOR

(57) Abstract: The present invention relates to niobium powder for a capacitor, comprising a niobium layer and a mixed layer of silicon nitride and niobium, the mixed layer being present in the vicinity of the powder particle surface; granulated niobium powder thereof; a niobium sintered body using the niobium powder and the granulated powder; and a capacitor using the sintered body as one electrode. The niobium powder for a capacitor of the present invention enables to produce a niobium capacitor having a high capacitance, a low leakage current, a low ESR and good tan δ characteristics and being excellent particularly in the properties of the breakdown voltage and soldering heat resistance.

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